

## **Accomplishments**

For Sprint 3, we had two primary goals. The first one was to implement the foundation system and to create a temporary layout for the multiple projects feature.

I (Pranav) worked on the tagging system, which allows users to create and assign tags to notes. This involved creating the backend routes and database tables necessary to store tags linked to specific users and notes. On the frontend side, I developed the input field that allows users to be able to add the tags when creating a note. While the system only supports tag creation (not editing or deletion just yet), the feature is functional and has the foundation for upcoming tagging system updates in Sprint 4.

Jabari worked on creating the temporary multiple project feature. He added buttons above the graph in the UI. One of them leads to a current temporary page in which there is a text box so that you are able to create new projects. While the function itself does not work, this was placed and created as a temporary placeholder so that the foundation for it is created and we can work off of it.

## **Challenges and Roadblocks**

A major challenge I (Pranav) faced was integrating the tag system into the existing note schema without actually affecting existing functionality. It required updates to both the frontend and the backend to handle tags properly, which included syncing states and managing the database relationships. I (Pranav) had to make sure that the tags didn't interfere with existing notes and were saved properly per user.

Jabari had trouble with actually creating multiple projects, which is why only a temporary project page was created.

The biggest issue was that the workload fell on just Jabari and me (Pranav) since we were the only ones that worked during the Sprint.

### **Client/Stakeholder Feedback**

The client said that our demo looked good and that the tagging system is working nicely. She said that we should focus on finishing the main features by the end of the 4th Sprint, such as the Open new project feature, the search function, and the gamification feature, and then do finishing touches by the 5th Sprint.